

ECN13-647-630)-B108 ...

Work Order ID 108262

Wednesday, October 09, 2013

Page 1

Item ID:

Revision ID:

Item Name:

Draw Nbr:

Start Date: 10/9/2013 10:

Start Qty: 1.0000

Revision Nbr

Required Date: 10/11/2013

Reqd Qty: 1.0000

Reference: ECN 13-647

Cust Item ID:

Customer ID:

Description: UPDATE PAPERWORK TO KITS IN STOCK :D412-630-031 X 3 , 1 X B#102586 & 2 X B#102584, D412-630-032 X 2 B#100929, D412-630-033 OFFSHORE ONLY X 1 B#101235 AND D412-630-034 OFFSHORE ONLY X 1 B#101235
PER ECN 13-647

Approvals: Process Plan: MNF.

Date: 13-10-09 Tooling:

Date:

QC:

Date: SPC (Y/N):

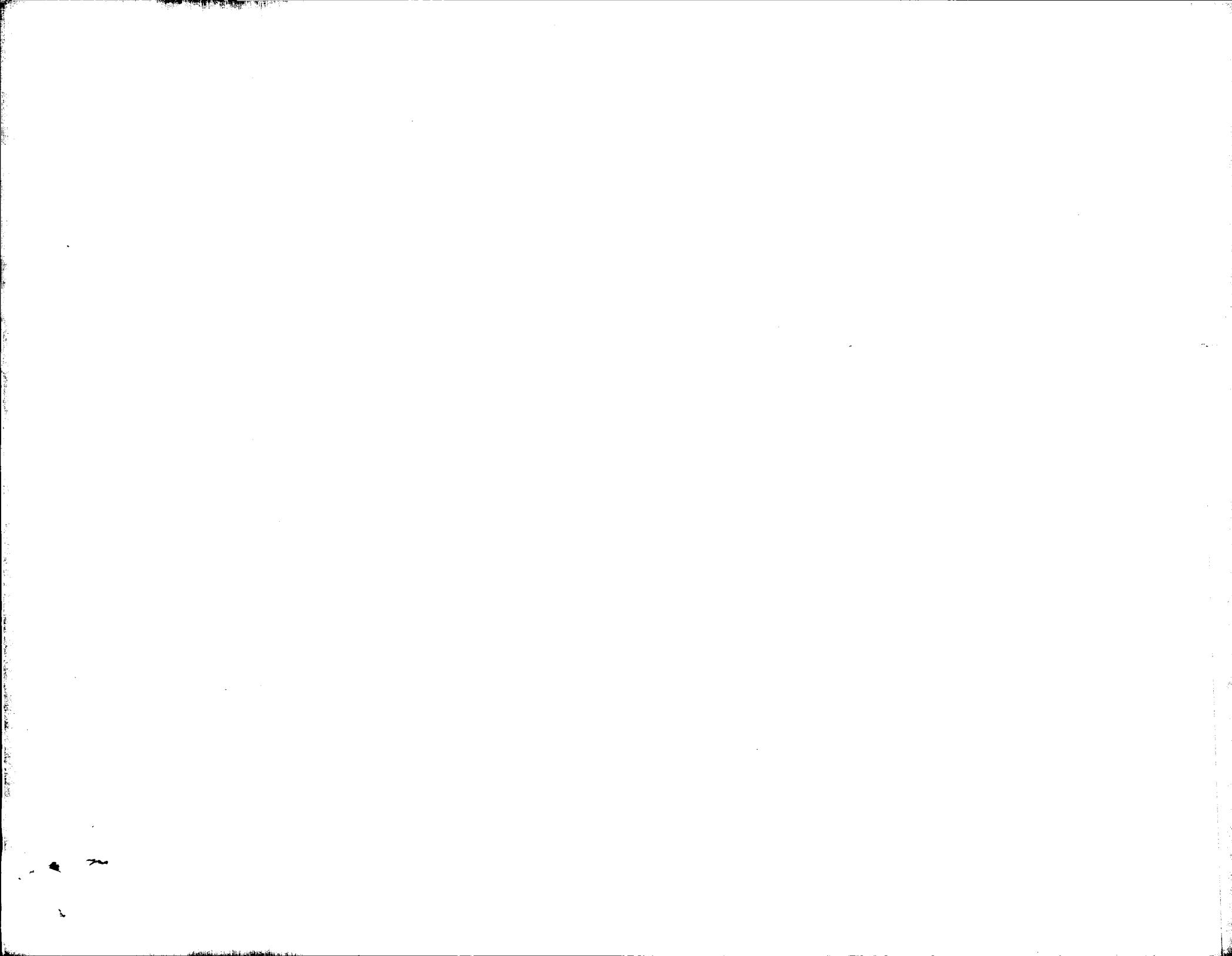
Date:

Hours

13/10/10
SP

QC21- 13/10/30 SP

13/10/10



List Lots

Wednesday, October 09, 2013 9:03:20 AM

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Criteria : Item ID: D412-630-031 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D412-630-031 Pilot / Co-Pilot Folding Step LH	Main Warehouse FG052	102584	9/23/2013	2.0000	/	QC21	CHG003
	Main Warehouse FG128	102586	9/23/2013	1.0000	/	QC21	CHG003
Total:							3.0000

13/10/10 SP

NCR: Yes / No

DQA: Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other			
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

List Lots

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Page 1 of 1

Criteria : Item ID: D412-630-032 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D412-630-032 Pilot / Co-Pilot Folding Step RH	Main Warehouse FG128	100929	7/11/2013	2.0000	QC21	CHG003	
							Total: 2.0000

13/10/15
5L

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS						
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>					
Part No. _____												
NCR No. _____												
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector			
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved												
FAULT CATEGORY												
Landing Gear			General									
Bending			Bend			Grain			Ovalized			Pressure/Forced
Centre Not Concentric to O/S			BOM/Route			Hardware			Over/Under tolerance			Temperature/Cure
Cracks			Broken/Damaged			Inspection Incomplete			Part Incorrect			Weld
Crushed/Crimped			Burrs			Instructions Incomplete/Unclear			Part Lost/Missing			Wrong Stock Pulled
Cuffs			Contamination			Maintenance			Part Moved			
Heat Treat			Countersink			Mislabeled			Positioned Wrong			
Inspection Strip in Tube			Cut Too Short			Misread			Power Loss/Surge			
Ripples in Bend			Drill Holes			Offset			Other			
Torque Waves in Extrusion			Drawing			Out of Calibration						
Turning Sequence			Finish			Out of Sequence						
Wave/Twist in Tube			Folio			Outside Dimensions						

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

Date:	13.09.23	Job No.:	ENG4106	ADR Yes/No:	N	ADR Date:		ECN #:	13- 647
Product No.:	D412-630	Created By:	DC	Approved By:					
Product Name:	Heli-Access-Steps	Checked By:							

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)	Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	NF		DQA / QA Coord.	Y	PS	
Production Manager / Coord.	Y	LL/MF		QC Coordinator	Y	ED	
Purchasing Coord.	N	CL		Customer Support	Y	SW/LM	
Production Engineering Coord.	Y	DD/JLM		Customer Technical Support	Y	MB/HS	
Production Engineering Coord.	N	DL		Marketing	Y	HM	
Customer Order Processing	N	RM/CA		Sales Support Manager	Y	NM	

Reason for Change:

Add repair instructions for corrosion to ICA; incorporate DSIs into IIN & ICA; see PAR 13-274

Documents Affected:

D412-630 Rev. N
ICA-D412-630 Rev. 5

PAPERWORK UPDATE

PARTS MUST COMPLY

PREVIOUS PARTS SATISFACTORY

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	Y	DC	Updated to MDL-D412-630 Rev. Q	<i>13.10.09 DC</i>
6	Update Product Compatability Matrix	N			
7	Notify TC / FAA of Change	N			
8					
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		
11	Update Product Specification Files	Y	KJ		<i>13.10.09</i>
12	Update Approved/Preliminary Dwg PDF Files	N			
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021(TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update PPP's	N			
20	Red Decals required?	N			
21	Update Document Control Database (Qpulse)	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ		<i>13.10.09</i>
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	N			
24	Manufacturing Licensing Agreement Update	N			

Description / Action:

- Update kits in stock with new paperwork

*MAR
13-10-09
108262*

ECN Verified & Complete: _____

Date: _____